

Title (en)
HOSE COUPLING

Publication
EP 0066742 B1 19860326 (DE)

Application
EP 82104341 A 19820518

Priority
DE 3122709 A 19810606

Abstract (en)
[origin: EP0066742A1] 1. A hose coupling for a hose of thermoplastic material, comprising a connecting portion on to which to hose is pushed, and a clamp which surrounds the hose for clamping the hose which is pushed on to the connecting portion firmly on the connecting portion, wherein on its outside the connecting portion has holding ribs which extend annularly therearound and which each have a radial and an inclined flank, and wherein the slopes of the inclined flanks of at least two holding ribs are in opposite relationship to each other, characterised in that the connecting portion (1) has free-standing teeth (8) which are disposed in a distributed arrangement around its periphery and which project radially and which impress themselves into the hose material on the inside of the hose (5), that the teeth (8) have a flank which falls away towards the end (9) of the connecting portion (1) at which the hose is pushed thereon, and a flank (8b) which faces away from said end (9) of the connecting portion (1), with a steepness of flank that provides for axially securing the hose, that the shape of the teeth (8) is approximately triangular in cross-section, and that the cutting edge of the teeth is disposed radially outermost.

IPC 1-7
F16L 33/22

IPC 8 full level
F16L 33/22 (2006.01)

CPC (source: EP)
F16L 33/223 (2013.01)

Citation (examination)
DE 2851965 A1 19800604 - RASMUSSEN GMBH

Cited by
US9470351B2; US5931510A; US5853202A; EP0292510A4; US10364923B2; FR2783589A1; US10024471B2; GB2279715A; GB2279715B; US2014252761A1; CN104048127A; WO0017561A1; WO8601575A1; WO9319319A1

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EP 82104341 A 19820518; DE 3122709 A 19810606; DK 251582 A 19820604; ES 265614 U 19820602